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3	1		USPAT	2004/09/06 08:39
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	4	(dielectric adj2 loss\$2) same (transmission adj2 line)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/05 10:40
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-	3386	(IC adj2 chip) and ((signal adj2 degradation) or (dielectric) or (transmission adj2 loss\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/05 10:46
-	15	((IC adj2 chip) and ((signal adj2 degradation) or (dielectric) or (transmission adj2 loss\$2))) and spice	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/09/06 08:27



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1 Breaking the ice [transmission line icing]

Sullivan, C.R.; Petrenko, V.F.; McCurdy, J.D.; Kozliouk, V.;

Industry Applications Magazine, IEEE , Volume: 9 , Issue: 5 , Sept.-Oct. 2003

Pages:49 - 54

[Abstract] [PDF Full-Text (4088 KB)] IEEE JNL

2 Time domain modeling of lossy interconnects

Svensson, C.; Dermer, G.H.;

Advanced Packaging, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on] , Volume: 24 , Issue: 2 , May 2001

Pages:191 - 196

[Abstract] [PDF Full-Text (104 KB)] IEEE JNL

3 Effectiveness analysis of lossy dielectric shields for a three-layered human model

Nishizawa, S.; Hashimoto, O.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 47 , Issue: 3 , March 1999

Pages:277 - 283

[Abstract] [PDF Full-Text (296 KB)] IEEE JNL

4 Simple modeling of coplanar waveguide on thick dielectric over lossy substrate

Jin-Su Ko; Bon-Kee Kim; Kwyro Lee;

Electron Devices, IEEE Transactions on , Volume: 44 , Issue: 5 , May 1997

Pages:856 - 861

[Abstract] [PDF Full-Text (172 KB)] IEEE JNL

5 Time-domain simulation of multiconductor transmission lines with

frequency-dependent losses*Gordon, C.; Blazeck, T.; Mittra, R.;*

Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 11 , Issue: 11 , Nov. 1992
Pages:1372 - 1387

[Abstract] [PDF Full-Text (1148 KB)] IEEE JNL

6 Highly accurate quasi-static modeling of microstrip lines over lossy substrates*Tuncer, E.; Neikirk, D.P.;*

Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wireless Components Letters] , Volume: 2 , Issue: 10 , Oct. 1992
Pages:409 - 411

[Abstract] [PDF Full-Text (252 KB)] IEEE JNL

7 MIS slow-wave structures over a wide range of parameters*Glib, J.P.K.; Balanis, C.A.;*

Microwave Symposium Digest, 1992., IEEE MTT-S International , 1-5 June 1992
Pages:877 - 880 vol.2

[Abstract] [PDF Full-Text (296 KB)] IEEE CNF

8 Analysis of the voltage distribution in a motor stator winding subjected to steep-fronted surge voltages by means of a multiconductor lossy transmission line model*Petrarca, C.; Maffucci, A.; Tucci, V.; Vitelli, M.;*

Energy Conversion, IEEE Transactions on , Volume: 19 , Issue: 1 , March 2004
Pages:7 - 17

[Abstract] [PDF Full-Text (584 KB)] IEEE JNL

9 Microwave education supported by animations of wave propagation effects*Menzel, W.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 51 , Issue: 4 , April 2003
Pages:1312 - 1317

[Abstract] [PDF Full-Text (1025 KB)] IEEE JNL

10 Lossy power distribution networks with thin dielectric layers and/or thin conductive layers*Novak, I.;*

Advanced Packaging, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on] , Volume: 23 , Issue: 3 , Aug. 2000
Pages:353 - 360

[Abstract] [PDF Full-Text (408 KB)] IEEE JNL

11 High Q-factor inductors integrated on MCM Si substrates*Zu, L.; Yicheng Lu; Frye, R.C.; Lau, M.Y.; Chen, S.-C.S.; Kossives, D.P.; Jenshan Lin; Tai, K.L.;*

Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and

Manufacturing Technology, IEEE Transactions on] , Volume: 19 , Issue: 3 , Aug. 1996
Pages:635 - 643

[\[Abstract\]](#) [\[PDF Full-Text \(992 KB\)\]](#) [IEEE JNL](#)

12 Measurements of transient response on lossy microstrips with small dimensions

Lin, M.-S.; Engvik, A.H.; Loos, J.S.;

Circuits and Systems, IEEE Transactions on , Volume: 37 , Issue: 11 , Nov. 1990
Pages:1383 - 1393

[\[Abstract\]](#) [\[PDF Full-Text \(796 KB\)\]](#) [IEEE JNL](#)

13 A parameteric study of the attenuation constant of lossy microstrip lines

Vakanas, L.P.; Cangellaris, A.C.; Prince, J.L.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 38 , Issue: 8 , Aug. 1990
Pages:1136 - 1139

[\[Abstract\]](#) [\[PDF Full-Text \(344 KB\)\]](#) [IEEE JNL](#)

14 Conformable phased array antennas for microwave hyperthermia

Najafabadi, R.M.; Peterson, A.F.;

Antennas and Propagation Society International Symposium, 1996. AP-S. Digest , Volume: 3 , 21-26 July 1996
Pages:1810 - 1813 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(144 KB\)\]](#) [IEEE CNF](#)

15 Efficient eigenmode analysis for lossy dielectric waveguides using a hybrid (frontal-FE)/BIE technique

Rogier, H.; Olyslager, F.; De Zutter, D.;

Antennas and Propagation Society International Symposium, 1996. AP-S. Digest , Volume: 1 , 21-26 July 1996
Pages:158 - 161 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(204 KB\)\]](#) [IEEE CNF](#)

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16 Analysis of lossy multi-chip module interconnections using finite element method

Kolbehdari, M.A.; Sadiku, M.N.O.;

Southeastcon '96. 'Bringing Together Education, Science and Technology', Proceedings of the IEEE, 11-14 April 1996

Pages:144 - 147

[\[Abstract\]](#)[\[PDF Full-Text \(308 KB\)\]](#)

IEEE CNF

17 Hybrid method for frequency-dependent lossy coupled transmission line characterization and modeling

Joong-Ho Kim; Dong-Ho Han;

Electrical Performance of Electronic Packaging, 2003, 27-29 Oct. 2003

Pages:239 - 242

[\[Abstract\]](#)[\[PDF Full-Text \(335 KB\)\]](#)

IEEE CNF

18 Compensation of transmission line loss for Gbit/s test on ATEs

Humann, W.;

Test Conference, 2002. Proceedings. International, 7-10 Oct. 2002

Pages:430 - 437

[\[Abstract\]](#)[\[PDF Full-Text \(591 KB\)\]](#)

IEEE CNF

19 Dispersive transmission line model for nonlinear time domain circuit analysis

Veijola, T.; Valtonen, M.;

Circuits and Systems, 1988., IEEE International Symposium on, 7-9 June 1988

Pages:2839 - 2842 vol.3

[\[Abstract\]](#)[\[PDF Full-Text \(224 KB\)\]](#)

IEEE CNF

20 The Short Pulse Behavior of Lossy Tapered Transmission Lines

Young, F.J.; Stapelfeldt, R.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 9 , Issue: 4 , Jul 1961
Pages:290 - 296

[\[Abstract\]](#) [\[PDF Full-Text \(592 KB\)\]](#) [IEEE JNL](#)

21 A Parallel-Plate Waveguide Approach to Microminiaturized, Planar Transmission Lines for Integrated Circuits

Guckel, H.; Brennan, P.A.; Palocz, I.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 15 , Issue: 8 , Aug 1967
Pages:468 - 476

[\[Abstract\]](#) [\[PDF Full-Text \(760 KB\)\]](#) [IEEE JNL](#)

22 Characterization and performance evaluation of differential shielded cables for multi-Gb/s data-rates

Deutsch, A.; Kopcsay, G.V.; Surovic, C.W.; Coteus, P.W.; Lanzetta, A.P.; Takken, T.; Bond, P.W.;

Advanced Packaging, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on] , Volume: 25 , Issue: 1 , Feb. 2002
Pages:102 - 117

[\[Abstract\]](#) [\[PDF Full-Text \(537 KB\)\]](#) [IEEE JNL](#)

23 Application of path integrals in modeling transmission line loss

Rubin, L.M.;

Components, Packaging, and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on [see also Components, Hybrids, and Manufacturing Technology, IEEE Transactions on] , Volume: 19 , Issue: 4 , Nov. 1996
Pages:775 - 788

[\[Abstract\]](#) [\[PDF Full-Text \(856 KB\)\]](#) [IEEE JNL](#)

24 Full-wave analysis of conductor losses on MMIC transmission lines

Heinrich, W.;

Microwave Theory and Techniques, IEEE Transactions on , Volume: 38 , Issue: 10 , Oct. 1990
Pages:1468 - 1472

[\[Abstract\]](#) [\[PDF Full-Text \(416 KB\)\]](#) [IEEE JNL](#)

25 FDTD modeling of skin effect

Chen Wang; Drewniak, J.L.; Min Li;

Electromagnetic Compatibility, 2002 3rd International Symposium on , 21-24 May 2002
Pages:246 - 249

[\[Abstract\]](#) [\[PDF Full-Text \(290 KB\)\]](#) [IEEE CNF](#)

26 Fast integral equation based analysis of transient electromagnetic scattering from three-dimensional inhomogeneous lossy dielectric objects

Shanker, B.; Aygun, K.; Gres, N.; Michielssen, E.;

Antennas and Propagation Society International Symposium, 2001. IEEE , Volume: 4 , 8-13 July 2001

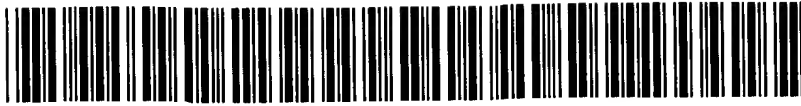
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